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June 22, 2004

WRITER'S DIRECT NUMBER: (202) 772-8619 **INTERNET ADDRESS:** SCHWARTZ@SKGF.COM

Art Unit 1734

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Re:

U.S. Utility Patent Application

Application No. 10/607,535; Filed: June 27, 2003

RF Active Compositions for Use in Adhesion, Bonding and Coating

Inventors:

Ryan et al.

Our Ref:

2113.0040008/RWE/ALS

Sir:

Transmitted herewith for appropriate action are the following documents:

- 1. Information Disclosure Statement;
- 2. Form PTO-1449 (15 sheets) and accompanying (3) references; and
- 3. Return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Commissioner for Patents June 22, 2004 Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Agent for Applicants
Registration No. 48,181

ALS/dab 279049_1.DOC Enclosures



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Ryan et al.

Appl. No. 10/607,535

Filed: June 27, 2003

For:

RF Active Compositions for Use in

Adhesion, Bonding and Coating

Confirmation No. 4241

Art Unit:

1734

Examiner:

To be assigned

Atty. Docket: 2113.0040008/RWE/ALS

Information Disclosure Statement

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450 Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

Copies of documents AP2, AL3 and AS8 are included. Copies of all other documents were cited by or submitted to the Office in an IDS that complies with 37 C.F.R. § 1.98(a)-(c) in Application No. 10/076,647, Ryan et al., filed February 19, 2002 (now U.S. Patent No. 6,600,142), which is relied upon for an earlier filing date under 35 U.S.C. § 120. Thus, copies of these documents are not attached. 37 C.F.R. § 1.98(d).

In accordance with 37 C.F.R. § 1.98(a)(3), Applicants' undersigned representative submits the following, in regards to non-English language documents AM1, AN1, AO1, AP2 and AL3 cited on Form PTO 1449:

Document AM1, French Patent Publication No. FR 1407582, is in the French language. An unverified English language translation of document AM1 is attached as document AS2.

Document AN1, German Patent Publication No. DE 1745464, is in the German language. An unverified English language abstract of document AN1 is attached as document AT1.

Document AO1, French Patent Publication No. FR 2248311, is in the French language.

An unverified English language abstract of document AO1 is attached as document AR2.

Document AP2, PCT published application No. WO 97/16492, is in the Japanese language. An English language abstract is included on the first page of this document. U.S. Patent No. 6,001,911, an English language equivalent of document AP2, is also being submitted in an Electronic Information Disclosure Statement filed herewith.

Document AL3, is a non-English language Japanese unexamined patent publication (Hei 11-179854) in the left column, with an unverified machine translation shown in the right column. An unverified English language translation of the tables found in document AL3 is attached as document AS8.

The Examiner's attention is directed to the following co-pending U.S. Patent Application, which is directed to related technical subject matter: U.S. Patent Application No. 09/667,720, Ryan *et al.*, filed September 22, 2000 and submitted herewith as document **AT7**.

The identification of this U.S. Patent Application is not to be construed as a waiver of secrecy as to this application now or upon issuance of the present application as a patent. The Examiner is respectfully requested to consider the cited application and the art cited therein during examination.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached Form PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over

any of the information provided herewith, and/or to prove that this information may not be prior

art, and/or to prove that this information may not be enabling for the teachings purportedly

offered.

This statement should not be construed as a representation that a search has been made,

or that information more material to the examination of the present patent application does not

exist. The Examiner is specifically requested not to rely solely on the material submitted

herewith.

This Information Disclosure Statement is being filed before the mailing date of a first

Office Action on the merits. No statement or fee is required. This IDS is being filed as five

submissions on the same day. Four submissions are electronic and one submission is non-

electronic. It is respectfully requested that the Examiner initial and return a copy of the enclosed

Form PTO-1449, and indicate in the official file wrapper of this patent application that the

documents have been considered. The U.S. Patent and Trademark Office is hereby authorized to

charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Agent for Applicant

Agent for Applicants

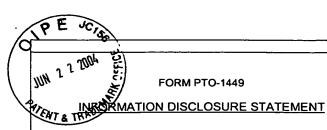
Registration No. 48,181

Date: Vore 22, 2004
1100 New York Avenue, N.W.
Washington, D.C. 20005-3934
(202) 371-2600
274997_I.DOC

Page 1 of 15 ATTY. DOCKET NO. APPLICATION NO. JUN 2 2 2004 2113.0040008/RWE/ALS 10/607,535 **FORM PTO-1449** FIRST NAMED INVENTOR INFORMATION DISCLOSURE STATEMENT ABEN Ryan et al. ART UNIT FILING DATE June 27, 2003 1734 **U.S. PATENT DOCUMENTS EXAMINER DOCUMENT NUMBER** INITIAL DATE NAME CLASS SUB-CLASS **FILING DATE** 913058 02/23/1909 AA1 Saunders AB1 1061111 05/06/1913 Olsson AC₁ 2181129 11/28/1939 Heberer 2465319 Whinfield et al. AD1 03/22/1949 AE1 2769804 11/06/1956 Hanson 2901466 Kibler et al. AF1 08/25/1959 AG1 2971939 02/14/1961 Baer AH1 2989517 06/20/1961 Hanson et al. AI1 3018272 01/23/1962 Griffing et al. AJ1 3033827 05/05/1962 Kibler et al. Kibler et al. AK1 3033822 05/08/1962 **FOREIGN PATENT DOCUMENTS** EXAMINER INITIAL DOCUMENT NUMBER DATE COUNTRY CLASS SUB-CLASS **TRANSLATION** Yes AL1 GB 988,414 04/07/1965 **Great Britain** No X Yes AM₁ FR 1407582 06/21/1965 France No Yes DE 1745464 AN1 09/09/1971 Germany No 4 Yes A01 FR 2248311 06/20/1975 France No Yes AP1 WO 86/07034 12/04/1986 **WIPO** No OTHER (Including Author, Title, Date, Pertinent Pages, etc.) Derwent World Patent Index, English language abstract of Japanese Patent No. 60-209078, "Bonding adhesive lining cloth to woven fabric by applying hot-melt adhesive to fabric, AR 1 impregnating with aq. soln. of ethylene glycol, sodium nitrite and surfactant, drying and bonding", Derwent XP-002109917, October 21, 1985 Derwent World Patent Index, English language abstract of Japanese Patent No. 56-055474, "Adhesive compsn. curable by HF induction heating - prepd. by blending thermosetting resin AS 1 with hardener and ferro-magnetic substance having high dielectric hysteresis loss in HF field", Derwent XP-002109916, May 16, 1981 Derwent World Patent Index, English language abstract of DE 1745464 (Document AN1), AT "Soluble unsaturated polyesteramide resin", WPI Acc No.: 68-07243Q/196800, September 9, 1 1971 **EXAMINER** DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance

and not considered. Include copy of this form with next communication to Applicant.



ATTY. DOCKET NO. 2113.0040008/RWE/ALS APPLICATION NO. 10/607,535

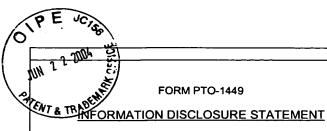
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FILING DATE June 27, 2003 ART UNIT 1734

				U.S. PATE	NT DOCUMENTS			
EXAMINER INITIAL		DO	CUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA2	303	33826	05/08/1962	Kibler et al.			
	AB2	307	75952	01/29/1963	Coover et al.			
	AC2	332	23929	06/06/1967	Salzberg <i>et al.</i>			
	AD2	343	36239	04/01/1969	Feld			
	AE2	350)2602	03/24/1970	Helm et al.			
	AF2	354	16008	12/08/1970	Shields et al.			-
	AG2	356	3942	02/16/1971	Heiberger			
	AH2	360	7554	09/21/1971	Heffernan			
	Al2	363	35811	01/18/1972	Lane			
	AJ2	370	01760	10/31/1972	Hagemeyer Jr. et al.			
	AK2	372	25189	04/03/1973	Gidge			
			F	OREIGN PAT	ENT DOCUMENTS			
EXAMINER INITIAL		DO	CUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATIO
7	AL2	wo	93/11926	06/24/1993	WIPO			Ye N
4	AM2	wo	95/05413	02/23/1995	WIPO			Ye N
<u> </u>	AN2	wo	95/18191	07/06/1995	WIPO			Ye N
<i></i>	AO2	wo	96/07540	03/14/1996	WIPO			Ye N
/	AP2	wo	97/16492	05/09/1997	WIPO			X Ye
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				U.S. PATE	NT DOCUMENTS			
EXAMINER INITIAL			DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA3	;	3734874	05/22/1973	Kibler et al.			
	AB3	;	3779993	12/18/1973	Kibler et al.			
	AC3	;	3850858	11/26/1974	Park			
	AD3	-	3879450	04/22/1975	Velker et al.			
	AE3	1;	3919176	11/11/1975	Meyer Jr. et al.		· · · · · · · · · · · · · · · · · · ·	
	AF3	:	3936412	02/03/1976	Rocholl			
	AG3	:	3943024	03/09/1976	Sendor et al.			
	АНЗ	1	4020049	04/26/1977	Rinehart			
	AI3	4	4035547	07/12/1977	Heller Jr. et al.			-
	AJ3	4	4052368	10/04/1977	Larson			
-	AK3	4	4073777	02/14/1978	O'Neill et al.			
	1		F	OREIGN PAT	TENT DOCUMENTS		ı	
EXAMINER INITIAL] [DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
•	/ AL3	,	JP 11-179854	07/06/1999	Japan			X Yes
	Р АМЗ	. \	WO 99/47621	09/23/1999	WIPO.			Yes No
-	P AN3	ı	EP 0 963 760 A1	12/15/1999	Europe			Yes No
	AO							Yes No
	AP							Yes No
			OTHER (Includ	lina Author.	Title, Date, Pertinent Pages	. etc.)		I INO
	AR	3	International Sea January 25, 200		or International Application No	o. PCT/U	S00/26214,	mailed
	AS	3	Natural Organic http://www.tess		latin's Production (visited Jun c/p030000.htm>	ie 12, 20	00)	
	АТ	3	Natural Organic <http: td="" www.tess<=""><td></td><td>lugel® (visited June 12, 2000 c/p030201.htm></td><td>)</td><td></td><td></td></http:>		lugel® (visited June 12, 2000 c/p030201.htm>)		
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			U.S. PATE	NT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA4	4083901	04/11/1978	Schonfeld et al.			
. "	AB4	4104262	08/01/1978	Schade			
	AC4	4110284	08/29/1978	Violland et al.			
	AD4	4127619	11/28/1978	Godfrey			
	AE4	4133731	01/09/1979	Hansen et al.			
	AF4	4146521	03/27/1979	Godfrey			
	AG4	4233196	11/11/1980	Sublett			
-	AH4	4253898	03/03/1981	Rinker et al.			
	Al4	4257928	03/24/1981	Vachon et al.			
	AJ4	4296294	10/20/1981	Beckert et al.			
	AK4	4304901	12/08/1981	O'Neill et al.			
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	AM						Yes No
	AN						Yes No
	AO						Yes No
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	AR			Polymer (visited May 8, 2000 ct Information/ProductHome.asp		nDotCom≃Tru	e&product=11>
	AS			Iltra Polymer (visited May 8, 2 t_Information/ProductHome.asp		nDotCom=Tru	e&product=74>
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EXAMINER INITIAL			DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA5	•	4311655	01/19/1982	Siadat			
	AB5	,	4331547	05/25/1982	Stotts et al.			
	AC5	j	4335220	06/15/1982	Coney			
	AD5	j	4360607	11/23/1982	Thorsrud et al.			
	AE5	,	4396739	08/02/1983	Sirota et al.			
	AF5	1	4408532	10/11/1983	Incremona			
	AG5	5	4423191	12/27/1983	Haven et al.			
	AH5	<u> </u>	4460728	07/17/1984	Schmidt Jr. et al.			
	AI5		4471086	09/11/1984	Foster			
	AJ5		4499262	02/12/1985	Fagerburg et al.			
	AK5	,	4510324	04/09/1985	Rossi et al.			
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	AA6		4525524	06/25/1985	Tung et al.			
	AB6	i .	4595611	06/17/1986	Quick et al.			
	AC6	;	4598142	07/01/1986	Hilbert et al.			
	AD6	5	4600614	07/15/1986	Lancaster et al.			
	AE6	i	4601948	07/22/1986	Lancaster et al.			
	AF6		4640865	02/03/1987	Lancaster et al.			
	AG6	3	4659595	04/21/1987	Walker et al.			
	AH6		4660354	04/28/1987	Lancaster et al.			
	Al6		4661299	04/28/1987	Thorsrud			
	AJ6		4718898	01/12/1988	Puletti et al.			
	AK6	;	4728572	03/01/1988	Davis			
			F	OREIGN PAT	TENT DOCUMENTS			
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INFORMATION DISCLOSURE STATEMENT

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ATTY. DOCKET NO.	APPLICATION NO.
2113.0040008/RWE/ALS	10/607,535
FIRST NAMED INVENTOR	
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EXAMINER INITIAL		DO	CUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA7	47	35843	04/05/1988	Noda			
	AB7	47	53846	06/28/1988	Mudge			
	AC7	470	61198	08/02/1988	Salerno			
	AD7	470	62731	08/09/1988	Lancaster et al.			
	AE7	470	67799	08/30/1988	Thorsrud			
	AF7	478	87194	11/29/1988	Lancaster et al.			-
	AG7	479	90965	12/13/1988	Thorsrud			
	AH7	484	40758	06/20/1989	Thorsrud			
	AI7	484	47155	07/11/1989	Lancaster et al.			_
	AJ7	48	53420	08/01/1989	Pham et al.			
	AK7	48	57129	08/15/1989	Jensen et al.	1		
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Ryan et al.	
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,	AA8	48	86853	12/12/1989	Foster et al.			
	AB8	48	95457	01/23/1990	Lancaster et al.			
	AC8	49	10292	03/20/1990	Blount			
	AD8	49	41936	07/17/1990	Wilkinson et al.			
	AE8	49	73656	11/27/1990	Blount			
	AF8	49	90593	02/05/1991	Blount			·
	AG8	50	02051	03/26/1991	Dew et al.			
	AH8	50	15677	05/14/1991	Benedict et al.			
	AI8	50	79047	01/07/1992	Bogaert <i>et al.</i>			
	AJ8	50	98962	03/24/1992	Bozich			
	AK8	51:	32108	07/21/1992	Narayanan et al.			
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	AN							Yes No
	AO							Yes
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	AR	8	Bansal, P., "Dev Interference Ger	elopment of a nerated by 13 on Task A, E	an ISM Harmonic RF Attenua MHz and 27 MHz Industrial RA Report 97-1015, ERA Po	ation Mod RF Proce	ssing Machi	nes,"
	AS	<u>8</u>	Unverified Englis (Document AL3)	sh language ti , July 6, 1999	ranslation of tables found in	publicatio	n no. JP 11-	179854
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			U.S. PATEN	T DOCUMENTS	1		
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA9	5156613	10/20/1992	Sawyer			
	AB9	5182134	01/26/1993	Sato			
	AC9	5209776	05/11/1993	Bass et al.			
	AD9	5217798	06/08/1993	Brady et al.			
	AE9	5218042	06/08/1993	Kuo <i>et al.</i>			
	AF9	5219895	06/15/1993	Kelman et al.			
	AG9	5220141	06/15/1993	Quick et al.			
	AH9	5240780	08/31/1993	Tiers et al.			
	Al9	5281630	01/25/1994	Salsman			
	AJ9	5286504	02/15/1994	Sheen et al.			
	AK9	5292362	03/08/1994				
		F	OREIGN PAT	ENT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	АМ						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No
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	U.S. PATENT DOCUMENTS						
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA10	5318650	06/07/1994	Kerawalla			
	AB10	5328539	07/12/1994	Sato			
	AC10	5329004	07/12/1994	Eden <i>et al.</i>			
	AD10	5336518	08/09/1994	Narayanan et al.			
	AE10	5354336	10/11/1994	Kelman <i>et al.</i>			
_	AF10	5356963	10/18/1994	Kauffman et al.			
	AG10	5360845	11/01/1994	Billmers et al.			
	AH10	5369211	11/29/1994	George et al.			
<u>-</u>	Al10	5371133	12/06/1994	Stanley			
	AJ10	5373682	12/20/1994	Hatfield et al.			_
	AK10	5382652	01/17/1995	Fukuda <i>et al.</i>			
		F	OREIGN PAT	ENT DOCUMENTS			
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	AP						Yes No
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			U.S. PATE	NT DOCUMENTS			10
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
,	AA11	5387623	02/07/1995	Ryan et al.			
	AB11	5391406	02/21/1995	Ramharack et al.			
	AC11	5403312	04/04/1995	Yates et al.			
	AD11	5403998	04/04/1995	Sheen et al.			-
	AE11	5416127	05/16/1995	Chandran et al.			
	AF11	5453144	09/26/1995	Kauffman et al.			
	AG11	5475038	12/12/1995	Skoultchi			
	AH11	5506298	04/09/1996	Paul et al.			
	Al11	D368918	04/16/1996	DeBiasse			
	AJ11	5519072	05/21/1996	Wieczorek Jr. et al.			
	AK11	5523344	06/04/1996	Maksymkiw et al.			
		F	OREIGN PAT	TENT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	АМ						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes
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			U.S. PATE	NT DOCUMENTS			
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	AA12	5527655	06/18/1996	Bonham et al.			
	AB12	5530056	06/25/1996	Farwaha et al.			
	AC12	5532300	07/02/1996	Koubek et al.			
	AD12	5532306	07/02/1996	Kauffman et al.			
	AE12	5536759	07/16/1996	Ramharack et al.			
	AF12	5543488	08/06/1996	Miller et al.			
	AG12	5545472	08/13/1996	Koubek et al.			
	AH12	5552495	09/03/1996	Miller et al.			
	Al12	5574076	11/12/1996	Sharak et al.			
	AJ12	5591850	01/07/1997	Birbaum et al.			
	AK12	5608000	03/04/1997	Duan et al.			
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	AA13	5616625	04/01/1997	Hung et al.			
	AB13	5618876	04/08/1997	Farwaha et al.			
	AC13	5645886	07/08/1997	Schueler II et al.			
	AD13	5645904	07/08/1997	Woo et al.			
	AE13	5661201	08/26/1997	Degrand			
	AF13	5669934	09/23/1997	Sawyer			
	AG13	5670566	09/23/1997	Liedermooy et al.			
	AH13	5688845	11/18/1997	Eden <i>et al.</i>			
	Al13	5716441	02/10/1998	Nguyen et al.			
	AJ13	5717015	02/10/1998	Dust et al.			
	AK13	5719244	02/17/1998	Farwaha et al.			
	!	F	OREIGN PAT	TENT DOCUMENTS			
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	AL						Yes
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	AA14	5749895	05/12/1998	Sawyer et al.			
	AB14	5750605	05/12/1998	Blumenthal et al.			
	AC14	5760111	06/02/1998	Birbaum et al.			
	AD14	5770706	06/23/1998	Wu et al.			
	AE14	5795397	08/18/1998	Shi et al.			
	AF14	5821294	10/13/1998	Perlinski			
	AG14	5824015	10/20/1998	Sawyer			
	AH14	5840146	11/24/1998	Woo et al.			
	Al14	5856060	01/05/1999	Kawamura et al.			
	AJ14	5859152	01/12/1999	Miller et al.			
	AK14	6048599	04/11/2000	Chu et al.			
		F	OREIGN PAT	TENT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	
	AL						Yes No
	АМ						Yes No
	AN						Yes No
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	AA15	6121356	09/19/2000	Lundberg et al.			
	AB15	6348679	02/19/2002	Ryan et al.			
	AC						
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	AN						No Yes
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